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Company named: **MICHELIN Recherche et Technique S. A.**

Title : **SIDEWALL REINFORCEMENT OF A RADIAL TIRE**

ABSTRACT

Radial tire comprising a crown, two beads extended by sidewalls comprising a radial carcass reinforcement, the said carcass reinforcement extending into the crown and anchored in each bead to at least one element that is inextensible in the circumferential direction, the said tire comprising in at least one sidewall a supplementary reinforcement formed of rubber with reinforcing elements inclined relative to the circumferential direction and being characterized in that, when viewed in meridian cross-section:

- the supplementary reinforcement comprises at least one group of at least two strips that extend in the circumferential direction;
- each strip, of width L_i essentially equal to or greater than the total width L_t of the reinforcement divided by the total number of strips in the group concerned, is formed of rubber reinforced by a plurality of cables or wires inclined at an angle α between 30° and 90° ;
- within any one group, each circumferential strip is superimposed partially with an adjacent strip.

Fig. 6